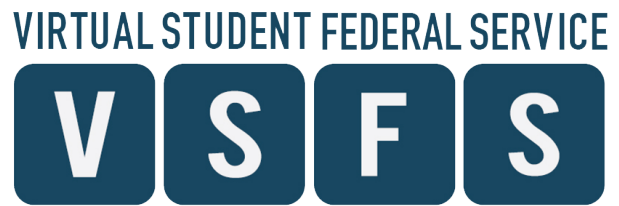


Using Pesticide Information as a Novel Proxy for Cultivated Land Use



Project Title	Using Pesticide Information as a Novel Proxy for Cultivated Land Use
Project Summary	Evaluate where crops have been grown throughout California since 1974. Determine cropping patterns and how those patterns have changed with drought and advent of new technologies.
Country	United States

Project Description

Use data analysis methods to filter pesticide data.

Required Skills or Interests

Skill(s)

Analytical writing

Data analysis

Software development

Additional Information

California is "America's Salad bar". In order to maintain California's world class agricultural production, we must asses how much water is needed, understand crops planting and growth, and understand how cropping patterns change through time. Using a new method for estimating agricultural land use, interns will evaluate how agriculture has changes over the past 40 years to gain insight into what potentially may occur in the next 50 years. These valuable insights will help water managers plan for better conservation and water use to keep a strong agricultural economy in the face of uncertain future climate conditions and variability.

Language Requirements

None